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Attn: Group Art Unit 1754

Examiner Cam N. Nguyen

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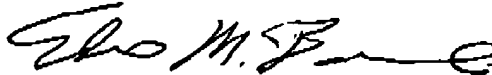
Confirmation: 571-232-1357

Inventor: HE, Ting  
Serial Number: 09/912,223  
Filed: July 24, 2001  
For: SUBSTRATES WITH SMALL PARTICLE SIZE METAL OXIDE AND NOBLE METAL CATALYST COATINGS AND THERMAL SPRAYING METHODS FOR PRODUCING THE SAME  
Group Art Unit: 1754  
Examiner: Cam N. Nguyen

In the above referenced application, we are herewith filing: Transmittal Form PTO/SB/21 [1 page] and an Amendment and Response to the Official Communication mailed on December 30, 2004 [8 pages].

No new claims have been added.

Date: February 28, 2005



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COLUMBUS/1173147 v.02

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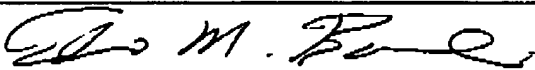
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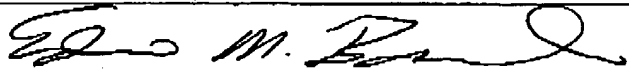
<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	09/012,223	
		Filing Date	July 24, 2001	
		First Named Inventor	HE, Ting	
		Art Unit	1754	
Total Number of Pages in This Submission		9	Examiner Name	Cam N. Nguyen
			Attorney Docket No.	3994994-131915

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Amendment and response to final action, telephone conference summary, and statement under 37 CFR 1.116		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Edwin M. Baranowski
Signature	
Date	February 28, 2005

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UNITED STATES DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

PATENT

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Application Number: 09/912,223

Inventor: HE, Ting

Filed: July 24, 2001

For: SUBSTRATES WITH SMALL PARTICLE SIZE METAL OXIDE AND NOBLE METAL  
CATALYST COATINGS AND THERMAL SPRAYING METHODS FOR PRODUCING  
THE SAME

Group Art Unit: 1754  
Examiner: Cam N. Nguyen

Atty. Docket No.: 3994994-131915-2

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***By Facsimile on February 28, 2005 to 571-273-1357 and 703-872-9306***

***Attention: Group Art Unit 1754, Examiner Cam N. Nguyen***

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**AMENDMENT AND RESPONSE  
TO THE OFFICIAL COMMUNICATION AND FINAL ACTION  
MAILED ON DECEMBER 30, 2004**

To the Honorable Commissioner:

**I. Introductory Comments**

In response to the official communication and final action mailed in this application on December 30, 2004, applicant submits the following amendment and response directed to the objections and rejection.

Entry of this amendment under 37 CFR 1.116, reconsideration, and the issue of this application is requested.

Serial Number 09/912,223 - filed July 24, 2001  
Amendment and Response to the Official Communication Mailed on December 30, 2004

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